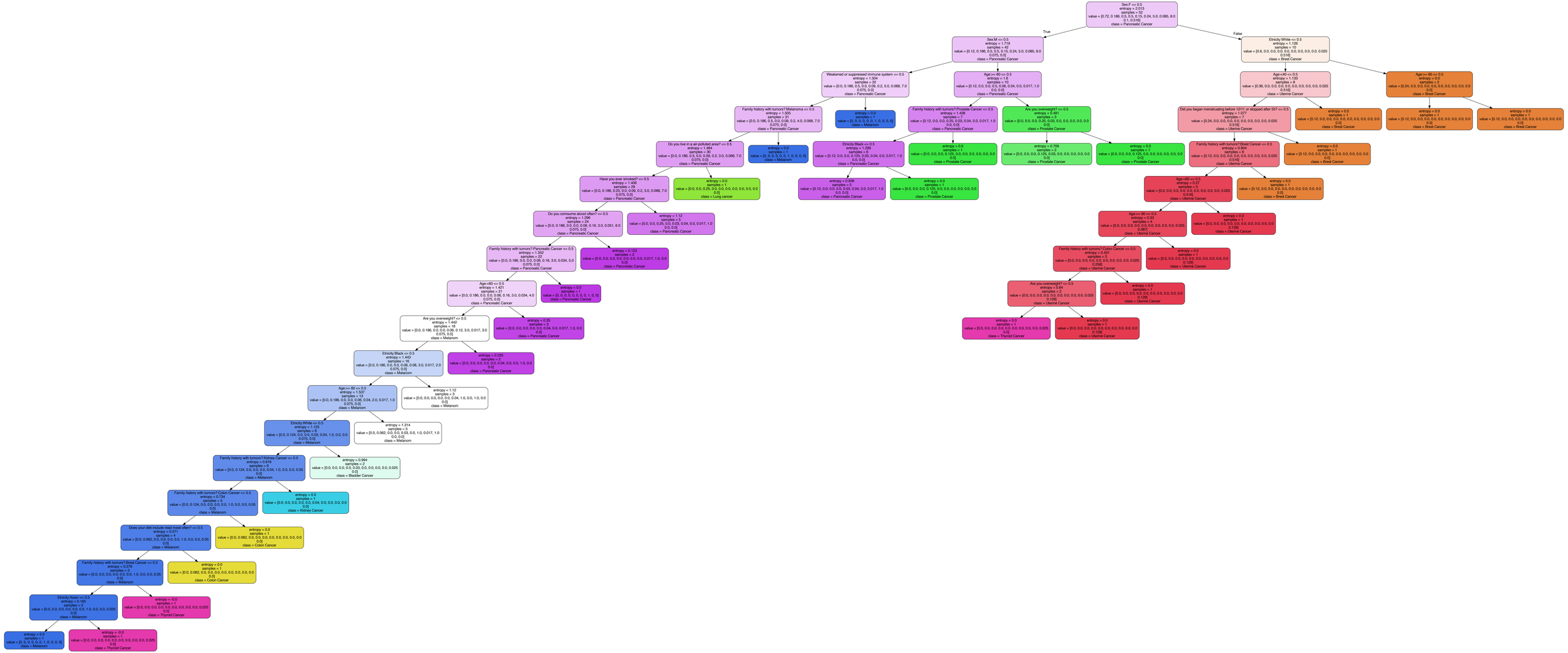
Sex:F <= 0.5
entropy = 2.013
samples = 52
value = [0.72, 0.186, 0.5, 0.5, 0.15, 0.24, 5.0, 0.085, 8.0 0.1, 0.516]
class = Pancreatic Cancer
True
False
Sex:M <= 0.5
entropy = 1.719
samples = 20
value = [0.12, 0.186, 0.5, 0.5, 0.15, 0.24, 5.0, 0.085, 8.0 0.075, 0.0]
class = Pancreatic Cancer
Ethnicity:White <= 0.5
entropy = 1.126
samples = 10
value = [0.6, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.516]
class = Breast Cancer
Weakened or suppressed immune system <= 0.5
entropy = 1.504
samples = 32
value = [0.0, 0.186, 0.5, 0.0, 0.09, 0.2, 5.0, 0.068, 7.0 0.075, 0.0]
class = Pancreatic Cancer
Age:>= 60 <= 0.5
entropy = 1.6
samples = 10
value = [0.12, 0.0, 0.0, 0.5, 0.06, 0.04, 0.0, 0.017, 1.0 0.0, 0.0]
class = Pancreatic Cancer
Age:<40 <= 0.5
entropy = 1.133
samples = 8
value = [0.36, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.516]
class = Uterine Cancer
Age:>= 60 <= 0.5
entropy = 0.0
samples = 2
value = [0.24, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
Family history with tumors?:Melanoma <= 0.5
entropy = 1.505
samples = 31
value = [0.0, 0.186, 0.5, 0.0, 0.09, 0.2, 4.0, 0.068, 7.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = Melanom
Family history with tumors?:Prostate Cancer <= 0.5
entropy = 1.438
samples = 7
value = [0.12, 0.0, 0.0, 0.25, 0.03, 0.04, 0.0, 0.017, 1.0 0.0, 0.0]
class = Pancreatic Cancer
Are you overweight? <= 0.5
entropy = 0.491
samples = 3
value = [0.0, 0.0, 0.0, 0.25, 0.03, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Prostate Cancer
Did you began menstruating before 12/11 or skipped after 55? <= 0.5
entropy = 1.077
samples = 7
value = [0.24, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.516]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
entropy = 0.0
samples = 1
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
entropy = 0.0
samples = 1
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
Do you live in a air-polluted area? <= 0.5
entropy = 1.484
samples = 30
value = [0.0, 0.186, 0.5, 0.0, 0.09, 0.2, 3.0, 0.068, 7.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0]
class = Melanom
Ethnicity:Black <= 0.5
entropy = 1.299
samples = 6
value = [0.12, 0.0, 0.0, 0.125, 0.03, 0.04, 0.0, 0.017, 1.0 0.0, 0.0]
class = Pancreatic Cancer
entropy = 0.5
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Prostate Cancer
entropy = 0.720
samples = 2
value = [0.0, 0.0, 0.0, 0.125, 0.03, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Prostate Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Prostate Cancer
Family history with tumors?:Breast Cancer <= 0.5
entropy = 0.904
samples = 6
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.516]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
Have you ever smoked? <= 0.5
entropy = 1.406
samples = 29
value = [0.0, 0.186, 0.25, 0.0, 0.09, 0.2, 3.0, 0.068, 7.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.25, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Lung cancer
entropy = 0.938
samples = 2
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.04, 0.0, 0.017, 1.0 0.0, 0.0]
class = Pancreatic Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.125, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Prostate Cancer
Age:<50 <= 0.5
entropy = 0.27
samples = 5
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.516]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.12, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Breast Cancer
Do you consume alcool often? <= 0.5
entropy = 1.296
samples = 24
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.16, 3.0, 0.051, 6.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 1.12
samples = 5
value = [0.0, 0.0, 0.25, 0.0, 0.03, 0.04, 0.0, 0.017, 1.0 0.0, 0.0]
class = Pancreatic Cancer
Age:>= 60 <= 0.5
entropy = 0.33
samples = 4
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.387]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.129]
class = Uterine Cancer
Family history with tumors?:Pancreatic Cancer <= 0.5
entropy = 1.302
samples = 22
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.16, 3.0, 0.034, 5.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 0.125
samples = 2
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.017, 1.0, 0.0 0.0]
class = Pancreatic Cancer
Family history with tumors?:Colon Cancer <= 0.5
entropy = 0.431
samples = 3
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.258]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.129]
class = Uterine Cancer
Age:>60 <= 0.5
entropy = 1.437
samples = 21
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.16, 3.0, 0.034, 4.0 0.075, 0.0]
class = Pancreatic Cancer
entropy = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = Pancreatic Cancer
Are you overweight? <= 0.5
entropy = 0.64
samples = 5
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.129]
class = Uterine Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.129]
class = Uterine Cancer
Are you overweight? <= 0.5
entropy = 1.442
samples = 20
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.12, 3.0, 0.017, 3.0 0.075, 0.0]
class = Melanom
entropy = 0.35
samples = 3
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.04, 0.0, 0.017, 1.0, 0.0 0.0]
class = Pancreatic Cancer
Ethnicity:Black <= 0.5
entropy = 1.443
samples = 16
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.08, 3.0, 0.017, 2.0 0.075, 0.0]
class = Melanom
entropy = 0.225
samples = 2
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.04, 0.0, 0.0, 1.0, 0.0 0.0]
class = Pancreatic Cancer
Age:>= 60 <= 0.5
entropy = 1.537
samples = 13
value = [0.0, 0.186, 0.0, 0.0, 0.06, 0.04, 2.0, 0.017, 1.0 0.075, 0.0]
class = Melanom
entropy = 1.12
samples = 3
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.04, 1.0, 0.0, 1.0, 0.0 0.0]
class = Melanom
Ethnicity:White <= 0.5
entropy = 1.125
samples = 8
value = [0.0, 0.124, 0.0, 0.0, 0.05, 0.04, 1.0, 0.0, 0.0 0.075, 0.0]
class = Melanom
entropy = 1.314
samples = 5
value = [0.0, 0.062, 0.0, 0.0, 0.03, 0.0, 1.0, 0.017, 1.0 0.0, 0.0]
class = Melanom
Family history with tumors?:Kidney Cancer <= 0.5
entropy = 0.918
samples = 6
value = [0.0, 0.124, 0.0, 0.0, 0.04, 1.0, 0.0, 0.0, 0.05 0.0]
class = Melanom
entropy = 0.994
samples = 2
value = [0.0, 0.0, 0.0, 0.0, 0.03, 0.0, 0.0, 0.0, 0.0, 0.025 0.0]
class = Bladder Cancer
Family history with tumors?:Colon Cancer <= 0.5
entropy = 0.734
samples = 5
value = [0.0, 0.124, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.05 0.0]
class = Melanom
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.04, 0.0, 0.0, 0.0, 0.0 0.0]
class = Kidney Cancer
Does your diet include read meat often? <= 0.5
entropy = 0.571
samples = 4
value = [0.0, 0.062, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.05 0.0]
class = Melanom
entropy = 0.0
samples = 1
value = [0.0, 0.062, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Colon Cancer
Family history with tumors?:Breast Cancer <= 0.5
entropy = 0.276
samples = 3
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.05 0.0]
class = Melanom
entropy = 0.0
samples = 1
value = [0.0, 0.062, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.0]
class = Colon Cancer
Ethnicity:Asian <= 0.5
entropy = 0.165
samples = 2
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.0, 0.0, 0.0, 0.025 0.0]
class = Melanom
entropy = -0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.0]
class = Thyroid Cancer
entropy = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = Melanom
entropy = -0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.0]
class = Thyroid Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.025 0.0]
class = Thyroid Cancer
entropy = 0.0
samples = 1
value = [0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0 0.129]
class = Uterine Cancer